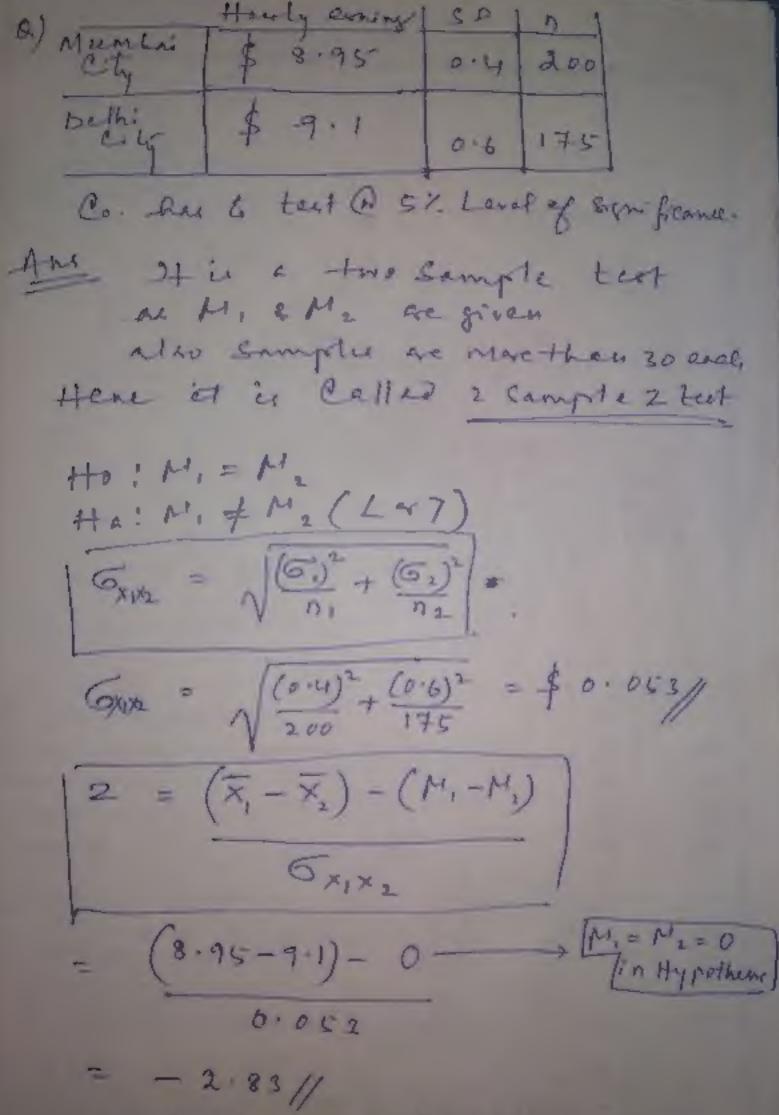
Z = X - M] 3+ 5 W Known of 6 is not known then 2 = \\ \frac{\times - N}{S/\sqrt{n-1}} In aux test of is not given. Hence we see second female ic 2 = x-M 2.0-2.7 - 4.62// 2 = 0.7/117-1 antenthed 2 = 4.62 4.62 fallson place 2=1.64@ 0.05 Lof 514 Calculated 2 value y talulated 2 Value So Ho, is rejected. Hence there is a formificant differee tectween M & X famula SEM = 5m = Standard Error of Mean 5/Nn er 5/Nn-1 Hence o = /(x-x)2

ue III

TIE

Q) 11 - 400 (Sample 812c) x = 67 47 (cample mean) Nº = 67.39 (population mean) 6 = 6.D of population = 1-3 N = Pepulation Size (not known) = 7 => Z = X - N = 67.47 - 67.39 = 1-231 5/Nn 1-3/N400 (1-231) Decision! The automed 2 value Ltakle unlie ie, 1-231 L1-96 Hence Ho fails to reject (accepted) So there is no agrificant difference Between fample mean e papulatu mean. Hence Ho: X = N



The table value of 2 is - 1-96/

